

Frank W. Wogoman, **204/403**, **415**, **418**; **435/817** [IMAGE AVAILABLE]

61. 4,919,141, Apr. 24, 1990, Implantable electrochemical sensor; Horst D. Zier, et al., 128/635; **204/403**, **415**, **422**, **435** [IMAGE AVAILABLE]

62. 4,909,908, Mar. 20, 1990, Electrochemical concentration detector method; Pepi Ross, et al., 205/778; **204/403**, **415**; **435/180**, **817** [IMAGE AVAILABLE]

63. 4,805,624, Feb. 21, 1989, Low-potential electrochemical redox sensors; Shang J. Yao, et al., 128/635; **204/406** [IMAGE AVAILABLE]

64. 4,795,542, Jan. 3, 1989, Electrochemical concentration detector device; Pepi Ross, et al., **204/403**, **412**, **415**, **435**; **435/180**, **817** [IMAGE AVAILABLE]

65. 4,711,245, Dec. 8, 1987, Sensor for components of a liquid mixture; Irving J. Higgins, et al., 128/635; **204/403**, **415**; **435/25**, **817** [IMAGE AVAILABLE]

66. 4,614,714, Sep. 30, 1986, Use of novel L-glutamic acid oxidase; Hitoshi Kusakabe, et al., **435/25**, **191**, **287.9**, **810**, **817** [IMAGE AVAILABLE]

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L2 195480 FILLER OR SILICA
=> s l1 and l2
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=> s biosensor or glucose sensor

394 BIOSENSOR
39505 GLUCOSE
179137 SENSOR
247 GLUCOSE SENSOR
(GLUCOSE(W) SENSOR)

L4 585 BIOSENSOR OR GLUCOSE SENSOR
=> s l3 and l4
L5 66 L3 AND L4
=> d l5 1-66

1. 5,589,326, Dec. 31, 1996, Osmium-containing redox mediator; Zhi D. Deng, et al., **435/4**, **14**, **25**, **817** [IMAGE AVAILABLE]

2. 5,582,698, Dec. 10, 1996, Sensor package; James E. Flaherty, et al., **204/409**, **403**, **415**, **418**, 422/82.01, 82.02, 82.03 [IMAGE AVAILABLE]

3. 5,580,523, Dec. 3, 1996, Integrated chemical synthesizers; Allen J. Bard, 422/50; 210/198.2; 422/70, 81, 82.01, 82.05, 99, 110, 116, 119, 129, 134; **435/287.1**, **288.6**, **288.7** [IMAGE AVAILABLE]

4. 5,576,191, Nov. 19, 1996, Cytokine that binds ST2; Margit Gayle, et al., **435/69.1**, 424/192.1, 193.1; **435/69.7**, **320.1**, 530/350, 839; 536/23.5 [IMAGE AVAILABLE]

5. 5,573,647, Nov. 12, 1996, Electrical contact; Thomas C. Maley, et al., **204/406**, 29/759, 760, 825, 874; **204/400**, **416**, 324/76.11, 450 [IMAGE AVAILABLE]

6. 5,567,301, Oct. 22, 1996, Antibody covalently bound film immunobiosensor; Joseph R. Stetter, et al., 205/777.5; **204/403**, **415**, **435/4**, **7.1**, **7.93**, **287.2**, **817** [IMAGE AVAILABLE]

7. 5,556,528, Sep. 17, 1996, Structures with field responsive permeation control; Paul W. Bohn, et al., **204/600**, **450**, **518**, **627** [IMAGE AVAILABLE]

8. 5,554,339, Sep. 10, 1996, Process for the manufacture of wholly microfabricated biosensors; Stephen N. Cozzette, et al., 422/50, 63, 68.1, 69, 78, 79, 82.05; **435/6**; 436/501; 935/88 [IMAGE AVAILABLE]

9. 5,545,517, Aug. 13, 1996, Selective metal ion detection using a photoluminescent indicator binding to a macromolecule-metal ion complex; Richard B. Thompson, et al., **435/4**; 356/73.1, 301; 422/55, 82.07, 82.08, 82.11; **435/18**, **808**; 436/73, 164, 172, 805 [IMAGE AVAILABLE]

10. 5,540,828, Jul. 30, 1996, Method for making electrochemical sensors and biosensors having a polymer modified surface; Alexander Yacynych, **204/418**, **403**, **415**; 205/198, 317; 422/82.03; **435/287.2**, **287.9**, **817** [IMAGE AVAILABLE]

11. 5,529,676, Jun. 25, 1996, Sample chamber; Thomas C. Maley, et al., **204/409**, **400**, **416** [IMAGE AVAILABLE]

12. 5,527,711, Jun. 18, 1996, Method and reagents for binding chemical analytes to a substrate surface, and related analytical devices and diagnostic techniques; May Tom-Moy, et al., 436/518; **204/403**; 422/82.01, 82.11; **435/7.5**, **962**; 436/151, 528, 543, 807, 822; 548/304.1 [IMAGE AVAILABLE]

13. 5,525,511, Jun. 11, 1996, Electrochemical **biosensor** stability; Eric D'Costa, **435/287.9**; **204/403**; **435/287.7**, **817** [IMAGE AVAILABLE]

14. 5,520,786, May 28, 1996, Mediators suitable for the electrochemical regeneration of NADH, NADPH or analogs thereof; Michael L. Bloczynski, et al., **204/403**; **435/817** [IMAGE AVAILABLE]

15. 5,512,492, Apr. 30, 1996, Waveguide immunosensor with coating chemistry providing enhanced sensitivity; James N. Herron, et al., 436/518; 356/244, 246, 317, 318; 385/12, 129, 130; 422/57, 58, 82.05, 82.08, 82.11; 427/162; **435/7.5**, **287.2**, **287.9**, **808**; 436/164, 527, 531, 805 [IMAGE AVAILABLE]

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17. 5,494,798, Feb. 27, 1996, Fiber optic evanescent wave sensor for immunoassay; David W. Gerdt, et al., **435/6**; 356/448; 385/13, 30; 422/82.06, 82.11; **435/7.1**; **7.4**; **7.8**; **7.9**; 436/501, 518, 527; 546 [IMAGE AVAILABLE]
18. 5,494,562, Feb. 27, 1996, Electrochemical sensors; Thomas C. Maley, et al., **204/403**; 128/635; **204/412**; **415**; **418**; **435/287.1**; **287.9**; **817** [IMAGE AVAILABLE]
19. 5,492,840, Feb. 20, 1996, Surface plasmon resonance sensor unit and its use in **biosensor** systems; Magnus Malmqvist, et al., 436/518; 356/317, 318, 445; 385/12; 422/82.05, 82.11; **435/808**; 436/164, 524, 525, 527, 528, 529, 530, 531, 805, 819 [IMAGE AVAILABLE]
20. 5,466,575, Nov. 14, 1995, Process for the manufacture of wholly microfabricated biosensors; Stephen N. Cozzette, et al., **435/6**; **204/403**; **411**; **412**; **414**; **415**; **416**; **417**; **418**; **419**; **430**; **431**; **432**; 422/82.01; 427/2.13, 96; **435/177**; **817**; 436/149, 806 [IMAGE AVAILABLE]
21. 5,462,645, Oct. 31, 1995, Dialysis electrode device; John W. Albery, et al., 205/778; 128/642; **204/403**; **409**; **412**; **415**; 205/793, 794.5 [IMAGE AVAILABLE]
22. 5,449,064, Sep. 12, 1995, On-line interface and valve for capillary electrophoresis system; Barry L. Hogan, et al., **204/603**; **193**; **604** [IMAGE AVAILABLE]
23. 5,443,955, Aug. 22, 1995, Receptor membranes and ionophore gating; Bruce A. Cornell, et al., **435/7.21**; **317.1**; 436/501, 512, 518 [IMAGE AVAILABLE]
24. 5,436,170, Jul. 25, 1995, Receptor membranes; Bruce A. Cornell, et al., 436/527; **435/7.2**; 436/518, 532 [IMAGE AVAILABLE]
25. 5,436,161, Jul. 25, 1995, Matrix coating for sensing surfaces capable of selective biomolecular interactions, to be used in **biosensor** systems; Jan Bergstrom, et al., 422/57, 58, 82.05, 82.11; **435/808** [IMAGE AVAILABLE]
26. 5,427,915, Jun. 27, 1995, Multi-optical detection system; Hans O. Ribi, et al., **435/7.92**; 422/82.05, 82.09, 82.11; **435/7.93**; **7.94**; **7.95**; **970**; 436/527, 528, 532 [IMAGE AVAILABLE]
27. 5,427,912, Jun. 27, 1995, Electrochemical enzymatic complementation immunoassay; Mary E. Brown, et al., **435/7.6**; **204/403**; **435/18**; **817**; **968** [IMAGE AVAILABLE]

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[IMAGE AVAILABLE]

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436/174, 177, 178, 815 [IMAGE AVAILABLE]

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33. 5,401,378, Mar. 28, 1995, Ionic reservoir at electrode surface; Lionel G. King, et al., **204/418**, **403**; 205/778; 422/82.03; **435/817** [IMAGE AVAILABLE]

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38. 5,296,374, Mar. 22, 1994, Apparatus for assessing a particular property in a medium; Brian Culshaw, et al., **435/287.9**; 374/31, 117;

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205/198, 317; **435/817** [IMAGE AVAILABLE]

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perfluorocarbon surfaces; John W. D. Eveleigh, **435/181**, **180**;
436/531, 532; 530/815, 816 [IMAGE AVAILABLE]

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Ribi, et al., 436/501; 422/68.1, 82.05, 82.08, 82.09; **435/287.2**,
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al., 422/102, 63, 68.1, 82.11, 943; **435/288.4** [IMAGE AVAILABLE]

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Bergstrom, et al., **435/287.1**; 422/57, 58, 82.05, 82.11;
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418, **426**; **435/817**; 436/806 [IMAGE AVAILABLE]

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435/176; 437/228 [IMAGE AVAILABLE]

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Randall M. Mier, et al., 430/320; 422/930; 430/311, 313, 325, 326, 328,
330; **435/287.9** [IMAGE AVAILABLE]

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molecules; Carlos Gitler, et al., **435/7.1**, **287.2**, **817**;
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process for the manufacture and use thereof; Stephen N. Cozzette, et al.,
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AVAILABLE]

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[IMAGE AVAILABLE]

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[IMAGE AVAILABLE]

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[IMAGE AVAILABLE]

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[IMAGE AVAILABLE]

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422/57, 930; 427/2.13, 407.1, 414; **435/7.1** [IMAGE AVAILABLE]

58. 5,030,310, Jul. 9, 1991, Electrode for electrochemical sensors; Frank W. Wogoman, 156/252; **204/403**, **412**, **415**, **416**, **418**;
435/817 [IMAGE AVAILABLE]

59. 5,002,652, Mar. 26, 1991, Plasma polymerized polysiloxane membrane; Charles L. Nelson, et al., **204/412**, **165** [IMAGE AVAILABLE]

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